

DCEO REQUESTED DEEMED VALUES

ICC Docket 07-0540

Annual kWh Savings Values – Public and Small Retail Sectors

Base Technology	Efficient Technology	Efficient Technology Definition	Annual kWh savings	
			Public Buildings	Retail-Small
2 4' T12 34 watt lamps with magnetic ballast	1 4' T8 32 watt lamps with electronic ballast & reflector	1 4' T* 32 watt lamps	103.4	156.2
2 8' T12 60 watt lamps with magnetic ballast	1 8' T8 59 watt lamps with electronic ballast & reflector	1 8' T* 59 watt lamps	145.9	220.2
40W Incandescent	13 Watt Modular CFL	13 Watt < 800 Lumens - pin based	83.0	100.5
40W Incandescent	13 Watt Integral CFL	13 Watt < 800 Lumens - screw-in	83.0	100.5
60W Incandescent	13 Watt Modular CFL	13 Watt < 800 Lumens - pin based	144.4	175.0
60W Incandescent	13 Watt Integral CFL	13 Watt < 800 Lumens - screw-in	144.4	175.0
60W Incandescent	14 Watt Modular CFL	14 Watt - pin based	141.4	171.3
60W Incandescent	14 Watt Integral CFL	14 Watt - screw-in	141.4	171.3
60W Incandescent	15 Watt Modular CFL	15 Watt - pin based	138.3	167.6
60W Incandescent	15 Watt Integral CFL	15 Watt - screw-in	138.3	167.6
60W Incandescent	16 Watt Modular CFL	16 Watt - pin based	135.2	163.9
60W Incandescent	16 Watt Integral CFL	16 Watt - screw-in	135.2	163.9
60W Incandescent	18 Watt Modular CFL	18 Watt < 1,100 Lumens - pin based	129.1	156.4
60W Incandescent	18 Watt Integral CFL	18 Watt < 1,100 Lumens - screw-in	129.1	156.4
75W Incandescent	18 Watt Modular CFL	18 Watt >= 1,100 Lumens - pin based	175.2	212.3
75W Incandescent	18 Watt Integral CFL	18 Watt >= 1,100 Lumens - screw-in	175.2	212.3
75W Incandescent	19 Watt Modular CFL	19 Watt >= 1,100 Lumens - pin based	172.1	208.5
75W Incandescent	19 Watt Integral CFL	19 Watt >= 1,100 Lumens - screw-in	172.1	208.5
2 4' T12 34 watt lamps with magnetic ballast	2 4' Super T8 28 watt lamps with electronic ballast	2 4' Super T8 28 watt lamps	63.7	96.1
2 4' T12 34 watt lamps with magnetic ballast	2 4' T8 32 watt lamps with electronic ballast	2 4' T8 32 watt lamps	37.1	56.1
2 8' T12 60 watt lamps with magnetic ballast	2 8' Super T8 59 watt lamps with electronic ballast	2 8' Super T8 59 watt lamps	66.3	100.1
2 8' T12 60 watt lamps with magnetic ballast	2 8' T8 59 watt lamps with electronic ballast	2 8' T8 59 watt lamps	37.1	56.1
75W Incandescent	20 Watt Modular CFL	20 Watt - pin based	169.0	204.8
75W Incandescent	20 Watt Integral CFL	20 Watt - screw-in	169.0	204.8
100W Incandescent	23 Watt Modular CFL	23 Watt - pin based	236.6	286.7
100W Incandescent	23 Watt Integral CFL	23 Watt - screw-in	236.6	286.7
75W Incandescent	25 Watt Modular CFL	25 Watt <1,600 Lumens - pin based	153.7	186.2
75W Incandescent	25 Watt Integral CFL	25 Watt <1,600 Lumens - screw-in	153.7	186.2
100W Incandescent	25 Watt Modular CFL	25 Watt >=1,600 Lumens - pin based	230.5	279.3

100W Incandescent	25 Watt Integral CFL	25 Watt \geq 1,600 Lumens - screw-in	230.5	279.3
75W Incandescent	26 Watt Modular CFL	26 Watt $<$ 1,600 Lumens - pin based	150.6	182.5
75W Incandescent	26 Watt Integral CFL	26 Watt $<$ 1,600 Lumens - screw-in	150.6	182.5
100W Incandescent	26 Watt Modular CFL	26 Watt \geq 1,600 Lumens - pin based	227.4	275.6
100W Incandescent	26 Watt Integral CFL	26 Watt \geq 1,600 Lumens - screw-in	227.4	275.6
100W Incandescent	28 Watt Modular CFL	28 Watt - pin based	221.3	268.1
100W Incandescent	28 Watt Integral CFL	28 Watt - screw-in	221.3	268.1
120W Incandescent	30 Watt Modular CFL	30 Watt - pin based	276.6	335.2
100W Incandescent	30 Watt Integral CFL	30 Watt - screw-in	215.1	260.7
150W Incandescent	36 Watt Integral CFL	36 Watt - screw-in	350.3	424.5
120W Incandescent	40 Watt Modular CFL	40 Watt - pin based	245.8	297.9
150W Incandescent	40 Watt Integral CFL	40 Watt - screw-in	338.0	409.6
200W Incandescent	55 Watt Modular CFL	55 Watt - pin based	445.6	540.0
200W Incandescent	65 Watt Integral CFL	65 Watt - pin based	414.9	502.7

Annual kWh Savings Values – Residential Sector

Base Technology	Efficient Technology	Efficient Technology Definition	Annual kWh savings
40W Incandescent	13 Watt Integral CFL	13 Watt $<$ 800 Lumens - screw-in	23.1
60W Incandescent	13 Watt Integral CFL	13 Watt \geq 800 Lumens - screw-in	40.1
60W Incandescent	14 Watt Integral CFL	14 Watt - screw-in	39.3
60W Incandescent	15 Watt Integral CFL	15 Watt - screw-in	38.4
60W Incandescent	16 Watt Integral CFL	16 Watt - screw-in	37.6
60W Incandescent	18 Watt Integral CFL	18 Watt $<$ 1,100 Lumens - screw-in	35.9
75W Incandescent	18 Watt Integral CFL	18 Watt \geq 1,100 Lumens - screw-in	48.7
75W Incandescent	19 Watt Integral CFL	19 Watt \geq 1,100 Lumens - screw-in	47.8
75W Incandescent	20 Watt Integral CFL	20 Watt - screw-in	47.0
100W Incandescent	23 Watt Integral CFL	23 Watt - screw-in	65.8
75W Incandescent	25 Watt Integral CFL	25 Watt $<$ 1,600 Lumens - screw-in	42.7
100W Incandescent	25 Watt Integral CFL	25 Watt \geq 1,600 Lumens - screw-in	64.1
75W Incandescent	26 Watt Integral CFL	26 Watt $<$ 1,600 Lumens - screw-in	41.9
100W Incandescent	26 Watt Integral CFL	26 Watt \geq 1,600 Lumens - screw-in	63.2
100W Incandescent	28 Watt Integral CFL	28 Watt - screw-in	61.5
100W Incandescent	30 Watt Integral CFL	30 Watt - screw-in	59.8
150W Incandescent	36 Watt Integral CFL	36 Watt - screw-in	97.4
150W Incandescent	40 Watt Integral CFL	40 Watt - screw-in	94.0

Note: Assumed operating hours -- Public sector 3073 hours for CFLs and 2652.5 hours for T8s. Small retail sector 3,724 hours for CFLs and 4,004 hours for T-8s. Residential sector 854 hours for CFLs.

Source: ICF from Database for Energy Efficiency Resources (DEER), 2004-5 Update Study, Final Report, Prepared by Itron for Southern California Edison.

Proposed Deemed Net-to-Gross (NTG) Ratio Values

Program	Net-to-Gross Ratio	Source
Single Family Home Performance	0.8	CA Energy Efficiency Policy Manual
Residential AC Tuneup	0.8	CA Energy Efficiency Policy Manual
Recycled refrigerator	0.35	DEER
Recycled freezer	0.54	DEER
Residential Lighting	0.8	CA Energy Efficiency Policy Manual
Residential Multifamily "All Electric" Sweep	0.8	CA Energy Efficiency Policy Manual
Residential Appliances	0.8	CA Energy Efficiency Policy Manual
Residential New HVAC	0.8	CA Energy Efficiency Policy Manual
Residential Advanced Lighting	0.8	CA Energy Efficiency Policy Manual
Nature First Expansion	N/A	N/A
C&I Prescriptive	0.8	CA Energy Efficiency Policy Manual
C&I Retrocommissioning	0.8	CA Energy Efficiency Policy Manual
Small C&I CFL Intro Kit	0.8	CA Energy Efficiency Policy Manual
C&I Custom	0.8	CA Energy Efficiency Policy Manual
C&I New Construction	0.8	CA Energy Efficiency Policy Manual
DCEO Public Sector Prescriptive	0.8	CA Energy Efficiency Policy Manual
DCEO Public Sector Customized Program	0.8	CA Energy Efficiency Policy Manual
DCEO Public Retrocommissioning	0.8	CA Energy Efficiency Policy Manual
DCEO Lights for Learning	0.8	CA Energy Efficiency Policy Manual
DCEO Low Income New Const. Gut Rehab	0.8	CA Energy Efficiency Policy Manual
DCEO Low Income EE Moderate Rehab(MF)	0.8	CA Energy Efficiency Policy Manual
DCEO Single Family Rehab	0.8	CA Energy Efficiency Policy Manual
DCEO Low Income Direct Install	0.8	CA Energy Efficiency Policy Manual
DCEO Smart Energy Design AssistanceProgram	0.8	CA Energy Efficiency Policy Manual
DCEO Manufacturing Energy Efficiency Program	0.8	CA Energy Efficiency Policy Manual
DCEO Building Industry Training & Education	0.8	CA Energy Efficiency Policy Manual
DCEO Public Sector New Construction	0.8	CA Energy Efficiency Policy Manual